

Please amend claim 13 as follows:

--13. (Twice Amended) A CDMA mobile communication method comprising the steps of:

a) transmitting, on transmit sides, pilot signals in a spread spectrum formation wherein each of the pilot signals is intermittently transmitted in synchronism with other transmitters which transmit pilot signals; to increase signal-to noise ratio in other receivers;

b) demodulating, on a receive side; the pilot signals respectively transmitted intermittently; and

c) detecting, on the receive side, from the pilot signals, a timing for a traffic channel demodulation.

Please add new claims 18,19, 20 as follows:

--18. (New) A transmitter used in a CDMA mobile communication system comprising:

a pilot data generator which generates pilot data;

a first modulator which modulates the pilot data;

a second modulator which despreads a spectrum of modulated pilot data from the first modulator to thereby generate said pilot signal;

a timing generator which generates a timing signal applied to at least one of the pilot data generator and the first and second modulators so that the pilot signal can be intermittently transmitted; and

traffic channel transmit units which respectively transmit data signals in respect of traffic channels.

--19. (New) A transmitter used in a CDMA mobile communication system comprising:

a pilot channel transmit unit which intermittently transmits a pilot signal in a spread spectrum formation, the pilot signal having a period shorter than an interval in which the pilot signal is intermittently transmitted; and

traffic channel transmit units which respectively transmit data signals in respect of traffic channels.

--20. (New) A receiver used in a CDMA mobile communication system comprising:

a pilot channel receive unit which demodulates pilot signals respectively transmitted intermittently in a spread spectrum formation by transmitters and detects, from the pilot signals, a timing for a traffic channel demodulation; and

a traffic channel receive unit which demodulates data at the timing detected by said pilot channel receive unit; and